

Pacific University

CommonKnowledge

College of Optometry

Theses, Dissertations and Capstone Projects

5-2002

Posterior segment diseases with annotated slides

Christopher Salfai

Pacific University

Recommended Citation

Salfai, Christopher, "Posterior segment diseases with annotated slides" (2002). *College of Optometry*. 1416.

<https://commons.pacificu.edu/opt/1416>

This Thesis is brought to you for free and open access by the Theses, Dissertations and Capstone Projects at CommonKnowledge. It has been accepted for inclusion in College of Optometry by an authorized administrator of CommonKnowledge. For more information, please contact CommonKnowledge@pacificu.edu.

Posterior segment diseases with annotated slides

Abstract

This thesis project addresses the need for the student of optometry to gain experience in identifying the clinically relevant findings associated with common posterior pole diseases. It accomplishes this goal by presenting via Power Point the 11 most common posterior pole diseases with sections detailing pathophysiology, findings, and treatments for each disease. Although other resources are available which point out relevant findings, this format allows for full color slides from several patients to be annotated and presented in a guided manner. Therefore students will be challenged to find the relevant findings and then have those findings clearly identified and their implications discussed. The topics of this thesis project include: Diabetes, Branch Retinal Artery Occlusion, Branch Retinal Vein Occlusion, Central Retinal Artery Occlusion, Central Retinal Vein Occlusion, Glaucoma, Retinal Detachment, Choroidal Melanomas, Age Related Macular Degeneration, Hypertensive Retinopathy, Toxoplasmosis and Optic Disc Edema.

Degree Type

Thesis

Degree Name

Master of Science in Vision Science

Committee Chair

Nigel Lingel

Subject Categories

Optometry

Copyright and terms of use

If you have downloaded this document directly from the web or from CommonKnowledge, see the "Rights" section on the previous page for the terms of use.

If you have received this document through an interlibrary loan/document delivery service, the following terms of use apply:

Copyright in this work is held by the author(s). You may download or print any portion of this document for personal use only, or for any use that is allowed by fair use (Title 17, §107 U.S.C.). Except for personal or fair use, you or your borrowing library may not reproduce, remix, republish, post, transmit, or distribute this document, or any portion thereof, without the permission of the copyright owner. [Note: If this document is licensed under a Creative Commons license (see "Rights" on the previous page) which allows broader usage rights, your use is governed by the terms of that license.]

Inquiries regarding further use of these materials should be addressed to: CommonKnowledge Rights, Pacific University Library, 2043 College Way, Forest Grove, OR 97116, (503) 352-7209. Email inquiries may be directed to: copyright@pacificu.edu

POSTERIOR SEGMENT DISEASES WITH ANNOTATED SLIDES

BY

CHRISTOPHER SALFAI

A thesis submitted to the faculty of the
College of Optometry
Pacific University
Forest Grove, Oregon
For the degree of
Doctor of Optometry
May 2002

Advisor:

Dr. Nada Lingel, M.A., F.A.A.O.

Signature Page

Christopher M. Salfar
N/A

Biography

Christopher Salfai graduated Magna Cum Laude with a B.A. in Spanish Literature and Language in 1993 from the University of Wisconsin – Green Bay, and his Associates Degree from the University of Wisconsin Marinette Center in 1990. He also studied Spanish at Universidad Autonoma de Queretaro in Queretaro, Mexico in 1992. Christopher has received Student Scholastic Athlete Award 1990, Dean's Honor Roll 1990-1993, and been a member of Beta Sigma Kappa 1998-2002 (Optometric Scholarship Society). He was also a Korean-Grocers Association Scholarship recipient in 2001. After graduating, Christopher plans to return to Wisconsin settling with his wife, son, and daughter in Madison where he wishes to open a private practice.

Abstract

This thesis project addresses the need for the student of optometry to gain experience in identifying the clinically relevant findings associated with common posterior pole diseases. It accomplishes this goal by presenting via Power Point the 11 most common posterior pole diseases with sections detailing pathophysiology, findings, and treatments for each disease. Although other resources are available which point out relevant findings, this format allows for full color slides from several patients to be annotated and presented in a guided manner. Therefore students will be challenged to find the relevant findings and then have those findings clearly identified and their implications discussed. The topics of this thesis project include: Diabetes, Branch Retinal Artery Occlusion, Branch Retinal Vein Occlusion, Central Retinal Artery Occlusion, Central Retinal Vein Occlusion, Glaucoma, Retinal Detachment, Choroidal Melanomas, Age Related Macular Degeneration, Hypertensive Retinopathy, Toxoplasmosis and Optic Disc Edema.

Thank You

I wish to thank Dr. Lingel, M.A., F.A.A.O., for serving as my advisor for this project. Her insights in how to improve this project were helpful not only for improving the project but in helping me to develop as a clinician.

A special thanks also to Eva Lindahl, Clinical Instructor, Portland Community College, Ophthalmic Technician Program, Portland, Or. and Patrick Caroline, C.O.T., F.A.A.O., Assistant Professor of Optometry at Pacific University, Forest Grove, Or., who provided slides for this project.